

CHUBA, S.P.

Treatment of patients with thyrotoxicosis with a combination of
reserpine and 6-methylthiouracil. Terap.arkh. 32 no.9:76-80 '60.
(MIRA 14:1)

1. Iz Ternopol'skogo oblastnogo protivozobnogo dispansera
(glavnyy vrach G.I. Girshuk, nauchnyy rukovoditel' raboty -
prof. T.T. Glukhen'kiy).

(HYPERTHYROIDISM) (RESERPINE)
(URACIL)

CHUBAR', V.

Our experience in the production of keramsit-concrete elements.
Na stroi. Ros. 3 no.2:22-23 F '62. (MIRA 16:2)

1. Glavnyy inzh. Kuybyshevskogo zavoda No.1 tresta Zhelezobeton.
(Precast concrete) (Keramsit)

FOMIN, G.N., inzh.; CHUBAREV, N.A., inzh.

Increasing the durability of the turning gear mechanism of universal excavators. Stroi. i dor. mash. 10 no.10:25-26 0 '65. (MIRA 18:10)

CHUBAREVA, L.A.; TSAPYGINA, R.I.

Study of the structure of polytene chromosomes in *Odagmia ornata*
ornata (fam. Simuliidae, ord. Diptera). Vest. LGU 20 no.21:102-
111 '65. (MIRA 18:12)

L 27296-66 EWT(1)/FCC GW

ACC NR: AM6000592

Monograph

UR/

Imyanitov, Il'ya Moiseyevich; Chubarina, Yevgeniya Vladimirovich

3/

B+1

Electricity of the free atmosphere; results of measurements during the IGY and IGC
(Elektrichestvo svobodnoy atmosfery; rezul'tatu izmereniy vo vremya MGG i MGS)
Leningrad, Gidrometeoroizdat, 1965. 239 p. illus., biblio., tables. (At head
of title: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri Sovete Min-
istrov SSSR. Glavnaya geofizicheskaya observatoriya im. A. I. Voyeykova) 1250
copies printed.

TOPIC TAGS: atmospheric physics, atmospheric structure, atmospheric thermodynamics,
lightening electricity, electromagnetic effect

PURPOSE AND COVERAGE: This book is based on data obtained during the IGY by system-
atic aircraft soundings of the earth's electric field. More than 2000 soundings
were made, and the results of data processing are analyzed in the book. In addi-
tion to the detailed information on the initial data presented in tabular form,
the book gives, for the first time, pertinent information on the structure of the
electric field in "good" weather, on the distribution of volumetric electric
charges and potentials under these conditions. Also included are data
on the electric structure of stratified clouds. Thus, the book presents a general
picture of the electric structure of the atmosphere on cloudy and clear days. It
is intended for specialists in the field of atmospheric, as well as the special-
ists in all those fields which are concerned with the phenomena of atmospheric
electricity.

Card 1/2

UDC: 551.594

L-27296-66

ACC NR: AM6000592

TABLE OF CONTENTS [abridged]:

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Ch. I. Investigations of the electric field in the free atmosphere and their importance for understanding of the nature of its origin -- 7

Ch. II. Organization of measurements and methods of data processing -- 26

Ch. III. Electricity in good weather -- 38

Ch. IV. Electrical structure of stratified clouds and their influence on the electric field of the atmosphere -- 80

Ch. V. System of electric processes in the atmosphere -- 117

SUB CODE: 04, 08/ SUBM DATE: 17Jul65/ ORIG REF: 065/ OTH REF: 052/

Card 2/2 CC

USSR / Zooparasitology - Helminths.

G-2

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 81728

Author : Petrov, A. M.; Chubakova, I. G.

Inst : Georgian Scient.-Res. Inst.

Title : Discovery of the Causative Agent of Human Dracunculosis --
Dracunculus medinensis L. 1758 -- in Cat's Hypodermic
Tissue in the Georgian SSR

Orig Pub : Tr. Gruz. n.-i. in-ta, 1955, 11, 231

Abstract : No abstract given

Card 1/1

CHUBABRIYA, I. ¹~~F~~.

Chubabriva, I. ¹~~F~~. - "The problem of the study of the morbidity incidence of a quasi-mastitis disease of Megreliyan goats," Trudy Gruz. nauch.-issled. vet. opyt. stantsii, Vol. X, 1948, p. 77-80, (In Georgian, resume in Russian)

SO: U-1934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

CHURABRIYA, I.T.; GODERDZISHVILI, G.I.

Role of filariae in the etiology of the "Khutli" disease. Soob.
AN Grus.SSR 17 no.5:443-450 '56. (MLRA 9:9)

I.Gruzinskiy nauchno-issledovatel'skiy veterinarnyy institut
Tbilisi. Predstavleno akademikom F.A.Zaytsevyu.
(Georgia--Cattle--Diseases) (Georgia--Filaria and filariasis)

USSR/Diseases of Farm Animals - Diseases Caused by Helminths.

R.

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26331

Author : Chubabriya, I. T.

Inst : Georgian Scientific-Research Institute of Animal Husbandry and Veterinary Sciences.

Title : A New Helminthocide Preparation.

Orig Pub : Byul. nauchno-tekhn. in-form. Gurz. n.-i. in-ta zhivotnovodstva i vet., 1957, No 1, 26-28

Abstract : No abstract.

Card 1/1

23

COUNTRY	: USSR	R
CATEGORY	: Diseases of Farm Animals. Diseases Caused by Helminths	
APS. JOUR.	: RZhBiol., No. 6 1959, No. 26027	
AUTHOR	: <u>Chubabriya, I. T.</u>	
INST.	:	
TITLE	: A New Anthelminthic	
ORIG. PUB.	: Veterinariya, 1957, No 12, 70-73	
ABSTRACT	: The anthelminthic action of tin arsenate (I) was tested in monieziasis of sheep. 1-5 months old lambs were administered I perorally after 16-18 hours of fasting; water and laxative were not given. With doses of 0.3 and 0.4 g the extensity and intensity of the preparation equalled 100%. Excretion of Moniezia started within the first 24 hours and terminated by the end of 48 hours. I is also a good anthelminthic agent in thysa-nieziasis of sheep, ascaridiasis and cestodosis	
CARD:	1/2	

COUNTRY : R
CATEGORY :
ABS. JOUR. : RZhBiol., No. 6 1959, No. 26027
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : of poultry, monieziasis and bunostomosis of
cont'd. : calves, and drepanidoteniasis of geese. The ef-
fectiveness of I in dehelminthization depends
on observance of the periods of fasting.-- L. S.
Kirichenko.
CARD: 2/2
47

CHUBABRIYA, I.T., Cand Vet Sci — (diss) "Therapy of sheep in monie-
siosis and certain problems of ^{the} epizootology of this disease in
the Georgian SSR." Tbilisi, Publishing House of the Georgian
Agr Inst, 1959. 21 pp (Min of Agr USSR. All-Union Order of
Lenin Acad of Agr im Lenin. All-Union Inst of Helminthology im
Academician K.I. Skryabin), 150 copies (KL, 27-59, 122)

- 54 -

CHUBABRIYA, I.T.; GODERDZISHVILI, G.I., kand.veterin.nauk

Use of tin arsenate in Moniesia infection and thysanosomiasis
in sheep. Veterinariia 36 no.10:34-35 0 '59.

(MIRA 13:1)

1. Gruzinskiy nauchno-issledovatel'skiy institut zhiivotnovod-
stva i veterinarii.

(Tin arsenate) (Tapeworms) (Sheep--Diseases and pests)

KURASHVILI, B.Ye., otv. red.; BARATASHVILI, T.A., red.;
GODERDZISHVILI, G.I., red.; GORDADZE, G.N., red.;
ELIAVA, I.Ya., red.; ZENAYSHVILI, P., red.; KAMALOV,
N.G., red.; CHUBABRIYA, I.T., red.; AVALIANI, N.M., red.;
izd-va; BOKERIYA, E.N., tekhn. red.

[Materials of the Scientific Session of Helminthologists of
the Transcaucasian Republics on Problems of Helminthofauna
and Control of Helminthiasis in Man, Farm Animals and
Plants] Materialy Nauchnoi sessii gel'mintologov respublik
Zakavkaz'ia po voprosam gel'mintofauny i bor'by s gel'minto-
zami cheloveka, sel'skokhoziaistvennykh zhivotnykh i raste-
nii, Tiflis, 1961. Tbilisi, Izd-vo AN Gruz.SSR, 1963. 220 p.

(MIRA 16:11)
1. Nauchnaya sessiya gel'mintologov respublik Zakavkaz'ya
po voprosam gel'mintofauny i bor'by s gel'mintozami chelo-
veka, sel'skokhozyaystvennykh zhivotnykh i rasteniy, Tiflis,
1961.

(Transcaucasia—Helminthology)

CHURAK, A.A.; GRITSENKO, V.G., veterinarnyy tekhnik.

Treating bovine hematuria. Veterinariia 30 no.4:14-16 Ap '53.
(MLRA 6:4)

1. Glavnyy veterinarnyy vrach Kalushskogo ROSKh.

BREKHOVSKIKH, S. M.; GRINSHTEYN, Yu. L.; LANDA, L. M.; CHUBAKINA, N. I.

3

"The effect of nuclear radiations on the structure and phase transitions in
sitals."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad,
16-21 Mar 64.

CHUBAKOV, A.A.

130-3-5/40

AUTHORS: Kondrashev, L.F., Nemenov, L.M., Novikov, G.M., Pustovoyt, Yu.M., Khaldin, N.N. and Chubakov, A.A.

TITLE: A Gas Supply Bench for the Ion Source of a Cyclotron.
(Stend gazovogo pitaniya ionnogo istochnika tsiklotrona)

PERIODICAL: Priory i Tekhnika Eksperimenta, 1957, Nr 3, pp.23-25, (USSR)

ABSTRACT: A description is given of a working gas supply bench for the ion source of a cyclotron. The gas supply bench is shown diagrammatically in Fig.1. It consists of a system of gas holders, an electrolyser for obtaining deuterium, a manometer, a device for measuring gas flow, and various valves for adjusting this flow. The gas in the gas holders is always at atmospheric pressure. A special admission valve is described and is shown in Fig.3. The system admits a constant amount of gas and is simple to service. The admission can be regulated in the range 0-300 cm³/hour. There are 3 diagrams, no tables and 1 Russian reference.

SUBMITTED: January 16, 1957.

AVAILABLE: Library of Congress.

Card 1/1 1. Ions 2. Cyclotrons 3. Gas-Instrumentation

CHUBAKOV, A.A.

PHASE 1. BOOK EXPLANATIONS 807/213

International Conference on the Peaceful Uses of Atomic Energy. 2nd, Geneva, 1958

Belady oveskikh uchenykh; polucheniye i primeneniye izotopov (Reports of Soviet Scientists); Production and Application of Isotopes (Moscow, Atomizdat, 1959. 368 p. (Series: Izj) Study, vol. 6) 8,000 copies printed.

Ma. (Title page): G.Y. Burdakov, Academician and I.I. Borinov, Corresponding Member, USSR Academy of Sciences; Ma. (Title page): Z.B. Andreyenko; Tech. Ma.: Z.D. Andreyenko.

PREFACE: This book is intended for scientists, engineers, physicians, and biologists engaged in the production and application of atomic energy to peaceful uses; for professors and graduate and non-graduate students of higher technical schools where nuclear science is taught; and for the general public interested in atomic science and technology.

CONTENTS: This is volume 6 of a 6-volume set of reports delivered by Soviet scientists at the Second International Conference on the Peaceful Uses of Atomic Energy held in Geneva from September 1 to 13, 1958. Volumes 6 contains 12 reports on: 1) modern methods for the production of stable radioactive isotopes and their labeled compounds, 2) research results obtained with the aid of isotopes in the field of chemistry, metallurgy, machine building, and agriculture in the field of biology, medicine, and physics, 3) the use of isotopes in the field of geology, 4) the use of isotopes in the field of medicine, 5) the use of isotopes in the field of agriculture, 6) the use of isotopes in the field of industry. The book is edited by G.Y. Burdakov, Academician and I.I. Borinov, Corresponding Member, USSR Academy of Sciences, and Z.B. Andreyenko, Corresponding Member, USSR Academy of Sciences. The book is published in the series "Medical Sciences". See 807/201 for titles of volumes of the set. References appear at the end of the articles.

16. Mikhailov, A.Y., V.I. Karpov, and V.I. Sinityn. Cobalt Sources of High Intensity for Radiative Action (Report No. 2234) 200
17. Gusev, E.G., Ye. Ye. Kovalev, and V.I. Popov. Gamma Radiation Inside and Outside Extended Sources (Report No. 2088) 211
18. Aglintsev, I.K., M.A. Bak, V.Y. Bonchury, Ye.G. Gribshov, Z.Y. Yashova, and K.A. Petrikov. Systems of Radiometric Measurement of Radioactive Isotopes (Report No. 2087) 227
19. Aglintsev, I.K., V.F. Kanchin, V.Y. Mitrofanov, and V.Y. Sedakov. Application of Nuclear Spectroscopy Methods to Beta and Gamma-ray Dosimetry (Report No. 2093) 227
20. Baranov, P.S., V.I. Gol'denskiy, and V.S. Rogozov. Instrument for Measuring Small Streams of High-energy Electrons (Report No. 2095) 244
21. Chubakov, A.A., V.I. Polikarpov, and V.A. Kulshova. Measuring and Measuring Air Contamination by Low Concentrations of Aerosol Alpha Particles (Report No. 2190) 243
22. Zelenitskiy, O.Y., V.I. Vornasemskiy, and O.A. Semakshova. Photosynthesis Studies by Quantitative Radiometric Methods (Report No. 2155) 250
23. Batitskiy, Ye.Y. and A.Y. Krylov. Studying the Transfer, Distribution, and Transformation of Certain Physiologically Active Compounds in Plants (Report No. 2133) 274
24. Gusev, I.I., Ye.Ye. Krutinskiy, and A.Ye. Petrov-Spiridonov. Rhythm of Absorption and Secretion in Plants (Report No. 2233) 295
25. Andreyenko, Z.B. and V.A. Shastakova. Effect of the Microspastic Micro-organisms on the Absorption and Secretion of Phosphorus and Sulfur by the Rooting Roots of Woody Plants (Report No. 2312) 306
26. Baranov, P.S. and M.D. Ponomareva. Absorption of Phosphorus Tracers by Cultivated Plants in Relation to Their Resistance to Cold (Report No. 2133) 315
27. Andreyenko, Z.B., A.Y. Vornasemskiy, V.A. Kulshova, and A.Y. Shastakova. Some Results of Using Radioactive Isotopes for Plant Protection (Report No. 2099) 328

Alloys of Zirconium and Titanium Base by the Radioactive Isotope Method (Report No. 2328) 359

CHUBAKOV, A.A.; LUZANOVA, L.M.

[Chemical composition of a crystalline lens affected by irradiation cataract] Izuchenie khimicheskogo sostava khrustalika glaza pri luchevoi katarakte. Moskva, In-t atomnoi energii AN SSSR, 1960. 17 p. (MIRA 17:1)

LUZANOVA, L.M.; CHUBAKOV, A.A.

Studies of the chemical composition of the crystalline lens
eye in radiation cataract. Med.rad. no.9:21-25 '61.

(CRYSTALLINE LENS—RADIOGRAPHY)

(CATARACT)

(MIRA 15:1)

L 45378-65 EWT(m)/EWP(t)/EWP(b) Feb DIAAP/IJP(c) JD/DM

ACCESSION NR: AP5009130

S/0089/65/018/003/0298/0299

AUTHOR: Smolkina, T. I.; Chubakov, A. A.

TITLE: Investigation of sorption of radioactive iodine by activated charcoal and study of the form of gaseous iodine in air

SOURCE: Atomnaya energiya, v. 18, no. 3, 1965, 298-299

TOPIC TAGS: radioactive iodine, activated charcoal, charcoal filtering, gaseous iodine, iodine sorption

ABSTRACT: The sorption by BAU charcoal of gaseous iodine from an irradiated reactor fuel element heated to 900--1000C carried by an air current with a speed of 20 cm/sec was investigated. The radioactive iodine concentration was 10⁻⁹--10⁻¹¹ Curie/liter. The results showed that a 10 cm layer of BAU charcoal can reduce the concentration of radioactive iodine in air by a factor of ~ 500. The results have confirmed the hypothesis that iodine in the gas phase can have two or more forms, either as a pure element or a compound. By using caustic potash filters and filters treated with AgNO₃ solution it was found that the compounds present in the

Card 1/2

L 45578-65

ACCESSION NR: AP5009130

gas include iodides, iodates, and possibly mixtures of several compounds in which iodine has positive valence. Sublimation of I^{131} from irradiated metallic tellurium also disclosed not less than two forms of iodine. The effect of the fuel-element temperature on the relative content of the different iodine forms is discussed. Orig. art. has: 3 figures.

ASSOCIATION: None

SUBMITTED: 14Aug63

ENCL: 00

SUB CODE: NP

NR REF SOV: 002

OTHER: 006

am
Card 2/2

TURETSKIY, Sh.Ya., doktor ekon. nauk; AGANBEGYAN, A.G., doktor ekon. nauk; PERSITS, M.M.; LUSHIN, S.I., kand. ekon. nauk; ~~CHUBAKOV, G.N.~~, kand. ekon. nauk; SMEKHOV, B.M., prof., doktor ekon. nauk; KOKOREV, M.A., kand. ekon. nauk; ABRUYUTINA, M.S.; MITINA, M., red.; BESSUDNOVA, N., mlad. red.

[Large-scale socialist reproduction and the national economic balance] Rasshirennoe sotsialisticheskoe proizvodstvo i balans narodnogo khoziaistva. Moskva, Izd-vo "Mysl'," 1964. 373 p. (MIRA 17:5)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509020002-3

1. THE STATE OF TEXAS HAS A LONG HISTORY OF

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509020002-3"

CHUBAKOV, P.M.

Undercutting of a bevel gear wheel with spiral teeth machined
with a cylindrical hobbing cutter. Trudy LPI no.254:28-32 '65.

Determining dimensions and fittings of a bevel gear wheel
machined with a cylindrical hobbing cutter. Ibid.:36-41
(MIRA 19:1)

CHUBAKOV, Ye., starshiy tekhnik zvena (Kazan').

In the first days of winter. Grazhd. av. 12 no.12:9 D '55.

(MIRA 11:6)

(Airplanes--Maintenance and repair)

PHASE I BOOK EXPLOITATION

SOV/6058

Polikarpov, V. I., V. S. Filonov, O. V. Chubakova, and N. N. Yuzvuk.

Kontrol' germetichnosti teplovydelyayushchikh elementov (Monitoring the Hermeticity of Fuel Elements). Moscow, Gosatomizdat, 1962. 186 p.
Errata slip inserted. 2500 copies printed.

Ed.: Ye. I. Panasenkov; Tech. Ed.: Ye. I. Mazel'.

PURPOSE: This book is intended for engineers and technicians specializing in the design and operation of reactors and of systems for monitoring the hermeticity of fuel-element jackets.

COVERAGE: The principles of designing systems for monitoring the hermeticity of fuel-element jackets are presented. Particular attention is given to the physical and chemical phenomena affecting system sensitivity and efficiency.

Card 1/2

Monitoring the Hermeticity (Cont.)

SOV/6058

The existing or projected non-Soviet systems are surveyed. Formulas and tabulated reference data for the designer's use are included. There are 135 references: 90 Soviet (including 25 translations), 42 English, 2 French, and 1 German.

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Introduction	3
Ch. 1. Destructive Processes in Fuel Elements	5
1. Fuel elements	5
2. Causes of hermeticity failure in fuel-element jackets	6
3. Development of defects in fuel-element jackets	10
4. Estimating the release of fission-fragment products from a damaged fuel element	12
5. Concentration of fission-fragment products in the coolant	25
6. Determining the sensitivity of systems for monitoring the hermeticity of jackets	28

Card 2/2

CHUBANOV, G.V., kand. tekhn. nauk; GLOTSEY, L.M., kand. tekhn. nauk, red.; SKURATOVA, G.F., red.

[Spindleless and travelerless spinning and twisting]
Bezveretennoe i bezbegunkovoe priadenie i kruchenie. Moskva, 1964. 120 p. (MIRA 17:9)

1. Moscow. Tsentral'nyy institut nauchno-tekhnicheskoy informatsii legkoy promyshlennosti.

CHUBANOV, H.A., inzhener.

Welded bicycle frames. Vest. mash. 33 no.12: 56-57 D '53.
(MIRA 6:12)
(Bicycles and tricycles)

VARTANOV, V.G.; CHUBANOV, O.V.

Use of cermet filters. Nefteprom. delo no.5:10-13 '63.
(MIRA 17:6)

1. Neftepromyslovoye upravleniye "Leninneft".

ALIBEKOV, B.I.; LISTENGARTEN, L.B.; CHUBANOV, O.V.

Experimental investigation of a sinking electrocentrifugal pump
operating on air-water mixtures. Izv.vys.ucheb.zav.; neft' i gaz
6 no.11:117-120 '63. (MIRA 17:9)

ALESKEROV, S.S.; VARTANOV, B.G.; MANYUKHIN, N.M.; CHUBANOV, O.V.

Exploiting wells with a filter covered by coarse sand.
Neft.khoz. 41 no. 12:36-40 D '63. (MIRA 17:6)

ALESKEROV, S.S.; VANTANOV, V.G.; MANYUEHIN, N.M.; CHUBANOV, O.V.

Suspension of granular material in an ascending flow. Neft.
khoz. 42 no.11s16-19 N '64. (MIRA 18s2)

CHUBAR', P.S., inzhener (Rostov-na-Donu)

Using car axles with rolled wheel seats. Zel.dor.transp. 39
no.4:74 Ap '57. (MIRA 10:5)
(Car axles)

CHUBAR', P.S., inzh.

Strength of the joints between wheel pairs and rolled
axle wheel seats. Vest.TSNII MPS 19 no.5:58-60
'60. (MIRA 13:8)

1. Rostovskiy institut inzhenerov zheleznodorozhnogo
transporta.
(Car wheels)

CHUBAR', R.; USTINOV, V.

At the Likhachev Automobile Plant. Pozh. delo 5 no.10:10 '59.
(MIRA 13:2)

(Factories--Fires and fire prevention)

KLIMOVITSKIY, M.D.; CHUBAR', V.M.

Automatic regulation of thermal conditions in heat treating
furnaces operated with liquid fuel. Priborostroyeniye no.1:

22-23 Ja '60.

(MIRA 13:5)

(Furnaces, Heat treating)

CHUBARDIN, B.

PA 42/49T35

USSR/Engineering
Soldering
Machines, Soldering

Apr 49

"Use of Dry Alcohol in Soldering," B. Chubardin, 1 p .

"Radio" No 4

A 10 - 20 second preheating of large parts with dry alcohol will facilitate soldering when a small electric soldering iron must be used.

42/49T35

VARNAVSKIY, I.N.; CHUBAREV, A.

Method of mathematical statistics used at the Orsk-Khalilovo
Metallurgical Combine. Zav.lab. 29 no.7:884 '63. (MIRA 16:8)
(Orsk--Metallurgical plants) (Mathematical statistics)

CHUBAREV, F. [Chubariev, F.], arkhitektor; YUGANOV, M. [Iuhanov, M.]

Collective farm combine for processing agricultural produce.
Sil'.bud. 12 no.7:18-20 J1 '62. (MIRA 15:8)

1. Tekhnicheskoy rukovoditel' kombinata kolkhoza "Ukraina",
Kirovskogo rayona, Drymskoy oblasti (for Yuganov).
(Kirov District (Crimea)--Canning industry)

CHUBAREV, N.P.

Improve the steel used in rails. Put' i put. khoz. no.3:23 Mr '59.
(MIRA 12:6)

1. Nachal'nik distantsei puti, stantsiya Len'ki Tomskoy dorogi.
(Railroads--Rails) (Steel, Structural--Metallurgy)

YELISEYEVA, V.I.; CHUBAREVA, A.V.

Some regularities in film formation from aqueous dispersions of polymers.
Koll.zhur. 25 no.6:649-655 N-D '63. (MIRA 17:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy
promyshlennosti, Moskva.

USSR/General Biology. Individual Development. Sexual Cells.

B-4

Abs Jour: Ref Zhur-Biol., No 20, 1958, 90338.

Author : Chubareva, L.A.

Inst : Leningrad University.

Title : Cytological and Cytochemical Study of the Development,
Maturation and Fertilization of the Egg of the Fresh-Water
Lamprey, *Lampetra Fluviatilis*.

Orig Pub: Vestn. Leningr. un-ta, 1957, No 9, 83-98 (res. Eng.)

Abstract: The gonads of 1 - 3.4 cm long larvae contain oogonia,
which divide mitotically and turn into oocytes. Lipoids
are developed in the oogonia while fat and yolk appear
in the oocytes, as well as glycogen not long before ovu-
lation. Ovulation in the fresh-water lamprey occurs at
the metaphase stage of the second maturation division

Card : 1/3

USSR/General Biology. Individual Development. Sexual Cells.

D-4

Abs Jour: Ref Zhur-Diol., No 20, 1958, 90338.

which is completed after the penetration of the spermatozoon. The DNA content changes during oogenesis; the Felgen reaction is negative towards the end of the growing period. During the maturation period, the DNA is synthesized and concentrated in the chromosomes. The RNA content in the oocytes increases during the growing period and disappears at the end of the yolk formation. Several spermatozoa penetrate the egg, but only one of them fuses with the female nucleus. The spermatozoon which has just penetrated into the ovum produces a positive Felgen reaction. Pronuclei yield a negative Felgen reaction. DNA granules are developed during the transition of the pronucleus into the early prophase, and for two hours the maternal and paternal groups of

Card : 2/3

USSR/General Biology. Individual Development. Sexual Cells.

B-4

Abs Jour: RefZhur-Biol., No 20, 1958, 90338.

chromosomes stay separated from each other. The fresh-water lamprey has an "ascaridic type" of nucleus transformation. THE RNA content does not change during the process of fertilization. -- G.V. Kharlova.

Card : 3/3

14

COUNTRY : USSR
CATEGORY :

B-4

ABS. JOUR. : RZBiol., No. 1, 1959, No. 240

AUTHOR : Chubareva, L. A.
INST. : Academy of Sciences USSR
TITLE : Cytological and Cytochemical Study of the
Process of Fertilization Among River
Lampreys (*Lampetra fluviatilis*).
ORIG. PUB. : Dokl. AN SSSR, 1957, 112, No 5, 945-948

ABSTRACT : Mature, ovulated oocytes of lamprey, prior to insemination are in the stage of metaphasis of second division of maturation. Anaphasis is observed after 30 minutes following penetration of spermatozoid. Chromosomes are minute, rounded; $2n = 60$. After one hour following the insemination there is formed the female pronucleus (P), while the spermatozoid becomes the male P. After 1 1/2 hours the P converge but their union does not take place. The stage of prophase and then of the prometaphase, in each of the P, is observed after 2 hours following the insemination. Paternal and maternal chromosomes are disposed side by side in separate groups (ascaridal type of
CARD: 1/2

4

Country : USSR
CATEGORY :

ABS. JOUR. : RZBiol., No. 1, 1959, No. 240

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : nuclear transformation). Content of DNA undergoes cyclic changes: it is high in spermatozoids and in chromosomes of 2nd division of maturation, drops to zero in P, and increases again on formation of chromosomes in both P. Content of RNA in cytoplasm is low. Sometimes, polyspermia is observed. -- V. A. Dorfman.

CARD: 2/2

CHUBAREVA, L. A., Cand Biol Sci -- (diss) "Cytological and cytochemical study of gametogenesis and fertilization in ^{the European lamprey} ~~(Lampetra fluviatilis)~~" Len, 1958. 16 pp (Len Order of Lenin State Univ im A. A. Zhdanov), 120 copies (KL, 16-58, 119)

- 48 -

AUTHOR: Chubareva, L. A.

SOV/20-121-1-47/55

TITLE: A Cytological and Cytochemical Investigation of Spermatogenesis in Lampetra fluviatilis (Tsitologicheskoye i tsitokhimicheskoye issledovaniye spermatogeneza u rechnoy minogi /Lampetra fluviatilis/)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 1, pp. 165 - 168 (USSR)

ABSTRACT: The spermatogenesis of lampetra fluviatilis has been sufficiently studied. . Neither the maturation of the sexual cells nor the cytochemistry of spermatogenesis are treated in publications (Refs 1 - 3). The author investigated the gonads of lampetra fluviatilis larvae of different age, futhermore of grown up individuals of the autumn and spring form. The first stages of development of the male sexual gland do not differ from those of the female. The sex of the larvae of a size of 2,5 cm cannot be determined. Male glands can be determined beginning with a size of 6 cm. Among the larvae of a size of 4 - 7 cm bisexual forms occur with sexual glands of a hermaphrodite type. If the abdominal cavity of female

Card 1/3

A Cytological and Cytochemical Investigation of
Spermatogenesis in Lampetra fluviatilis

SOV/20-121-1-47/55

larvae of 8 - 12 cm is opened an ovary is to be seen which occupies a considerable part of the body. The testicle of males of the same size is represented by a threadlike cord. The gonads grow only slowly in the course of the larva stage. The sexual cells are represented only by sperms which may usually be divided into two cell types: a) Single lying cells which are mostly adjacent to the stroma. They are resting sperms. b) Others which lie in groups or nests. Various stages of the eryokinetic division may be observed - the dividing sperms. Their division is responsible for the enlargement of the glands (Fig 1). In the sexual glands of the mixed type sperms as well as oocytes exist (Fig 2a). If in typical females only growing oocytes and in typical males only sperms exist, one should assume that the occurrence of types with glands of the mixed type points to the existence of hermaphrodites among the lampetrae fluviatilis. The development of the male sex proceeds in two ways: a) Either a male gonad is produced immediately from an indifferent gland, or b) A part of the cells of the indifferent cells is transformed to oocytes which then degenerate. Finally the development of the

Card 2/3

A Cytological and Cytochemical Investigation of
Spermatogenesis in Lampetra fluviatilis

SOV/20-121-1-47/55

male sex products of lampetra fluviatilis is described.
There are 4 figures and 5 references, 2 of which are Soviet.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet im. A. A. Zhdanova
(Leningrad State University imeni A.A.Zhdanov.)

PRESENTED: March 31, 1958, by Ye. N. Pavlovskiy, Member, Academy of
Sciences, USSR

SUBMITTED: March 27, 1958

- | | | |
|------------------------|-----------------------|-------------|
| 1. Insects--Physiology | 2. Spermatogenesis | 3. Cytology |
| 4. Sex--Determination | 5. Testes--Physiology | |

Card 3/3

CHUBAREVA, L.A.; SHCHERBAKOV, Ye.S.

Study of karyotypes of some blackfly species (family Simuliidae). Dokl. AN SSSR 153 no.5:1183-1185 D '63.

(MIRA 17:1)

1. Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova.
Predstavleno akademikom V.N. Chernigovskim.

CHUBAREVA, L.A.; TSAPKOVA, R.I.

Some data on the triploids in the natural populations of *Odagmia ornata* (fam. Simuliidae, order Diptera). *Genetika* 10.3:15-18 S '65. (MIRA 18:12)

L. Leningradskiy gosudarstvennyy universitet, kafedra genetiki i selektsii. Submitted January 29, 1965.

SHCHERBAKOV, Ye.S.; CHUBAREVA, L.A.

New microchromosome karyotypes of black flies (Simuliidae,
Diptera). Dokl. AN SSSR 166 no.3:726-728 Ja '66. (MIRA 19:1)

1. Leningradskiy gosudarstvennyy universitet. Submitted
March 10, 1965.

CHUBARIKOV, A.I.; SPRAVTSEV, N.A., laureat Stalinskoy premii, retsenzent;
OSIN, I.A., inzhener, redaktor; DOGINA, N.A., tekhnicheskii redaktor

[Work organization in a molding section] Iz opyta organizatsii
truda na uchastke formovki. Moskva, Gos. nauchno-tekhn. izd-vo
mashinostroit. i sudostroit. lit-ry, 1953. 27 p. (MLRA 7:8)
(Steel castings)

CHUBARIN, M.I., inzhener.

Group method in combine harvesting. Mauka i pered.op.v sel'khoz.
7 no.6:30-32 Je '57. (MLRA 10:7)
(Combines (Agricultural machinery))

CHUBARIN, M.I., inzh.

The SUP-4A transplanting machine. Trakt. i sel'khoz mash.
no.5:36-37 My '64. (MIRA 17:6)

1. Golovnoye konstruktorskoye byuro po mekhanizatsii
ovoshchevodstva Moskovskogo soveta narodnogo khozyaystva.

80051
S/020/60/132/01/27/064
B014/B014

3.9000
24.2400
AUTHORS:

Imyanitov, I.M., Chubarina, Ye.V.

TITLE:

The Structure of the Electrostatic Field in the Free Atmosphere¹²
According to Data Obtained by Investigations During the
International Geophysical Year

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 1, pp. 104-107

TEXT: By way of introduction, the authors refer to the model of a "spherical condenser" which is used to describe the electrostatic field of the atmosphere. The hypotheses of this theory are discussed, and it is noted that the reasonableness of these hypotheses must be verified by studying the course of the field with rising altitude. The electric field of the atmosphere was probed by means of an LI-2 airplane over Leningrad, Kiyev, and Tashkent. The potential of several points was calculated by integrating the experimentally determined curve $E = f(H)$ (E denotes the potential of the electrostatic field, and H is the altitude). It is shown that about 66 per cent of the total resistance is contained in the layers between 0 and 6 km. Evaluation of the results of measurement indicates that the monotone course of field strength is partly disturbed

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80051

The Structure of the Electrostatic Field in the Free Atmosphere According to Data Obtained by Investigations During the International Geophysical Year

S/020/60/132/01/27/064
B014/B014

(even in fair weather), and that the most frequent value of the potential was unexpectedly low at an altitude of 6 km. The variations at the three above-mentioned points were not uniform. Besides, the potential maximum was shifted relative to the altitude. These results did not confirm the applicability of the model of a "spherical condenser". These results can be interpreted only by means of the model of a charged sphere which is enveloped by a space charge. Next, the motions of the space charge are discussed, and the globe is divided into three regions, in the first of which the space charge is generated and the profile of the electric field is completely disturbed. In the second region, the monotone variation in the electric field strength relative to the altitude is disturbed by introducing charge from the first region. In the third region, there is only a small space charge which has no considerable effect on the field at the surface of the Earth. There, unitary variations in the electric field occur which are also observable at certain altitudes in regions where the monotone variation in the electric field strength is disturbed by introducing charge. The behavior of the atmospheric space charge, its development, propagation, and distribution should be further studied. There are 4 figures, 1 table, and 9

Card 2/3

4

80054
The Structure of the Electrostatic Field in the Free Atmosphere According to Data Obtained by Investigations During the International Geophysical Year S/020/60/132/01/27/064 B014/B014

references, 5 of which are Soviet.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya im. A. I. Voyeykova (Main Geophysical Observatory imeni A. I. Voyeykov)

PRESENTED: January 3, 1960, by A. F. Ioffe, Academician

SUBMITTED: December 29, 1959

Card 3/3

3.5/32

44589
S/169/62/000/012/046/095
D228/D307

AUTHORS: Imyanitov, I.M. and Chubarina, Ye.V.

TITLE: Structure and origin of the atmospheric electric field

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 31, abstract 123226 (In collection: Issled. oblakov, osadkov i grozovogo elektrichestva, M., AN SSSR, 1961, 239-248)

TEXT: The systematic aerial measurements of the atmospheric electric field, carried out during the IGY at Leningrad, Kiev, and Tashkent by means of aircraft fitted with electrostatic fluxmeters, allowed information to be obtained on the distribution of the field strength, space charges, and the electric field potential to heights of 6-7 km. On clear days the appearance of field maxima (usually in the inversion zone) and the change in the field sign at a height of 3.5 - 4 km frequently disturb the monotonic decrease of the field strength with altitude. The variation of potential with

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Structure and origin ...

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D228/D307

height often departs from the monotonicity and the potential begins to decrease from an altitude of 3.5 - 4 km. The estimated potential difference between the ground and ionosphere is 200-220 kv. Even at a height of 6 km the daily potential oscillations do not repeat the daily unitary variation of the field strength and are not synchronous at different observation points. The potentials themselves may differ by more than a factor of 2 with respect to the mean values. The relative potential variations tend to decrease with increasing height, but above 3.5 - 4 km they are larger than at this height. At heights of several hundred meters the diurnal field strength variation repeats the unitary variation, though this similarity is not noted above and below this layer. The results obtained contradict the currently accepted 'spherical capacitor' theory and may be explained by another scheme, in which the ground and the atmosphere exchange charges and create the observed phenomena. In this model, the troposphere, and particularly its lower layer, is the outer plate of the capacitor. The display of unitary variation only at a certain height stems from the fact that at this height fields from local atmospheric space charges, situated above and below it, com-

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Structure and origin ...

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D228/D307

pensate each other and permit the appearance of a field from the ground charge, whose change also induces unitary variation. Zones where charges flow groundwards and zones in which outflow of charge occurs, exchange charges in the atmosphere. The level, at which the flow begins to change, should lie at a height of 3-4 km. X

[Abstracter's note: Complete translation]

Card 3/3

45107

S/531/62/000/136/002/007
A052/A101

AUTHORS: Imanyantov, I. M., Chubarina, Ye. V.

TITLE: Electric structure of lower unrainy stratified clouds

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy.
no. 136, 1962. Atmosfernoye elektrichestvo, 21 - 34

TEXT: The electric structure of stratified clouds and cumuli is investigated. It is pointed out that this problem, in spite of its importance, has found no adequate treatment in the literature. The knowledge of the electric structure of stratified clouds is important because in these clouds the electrification processes connected with the precipitation of air ions on water drops and the processes of the charge separation in clouds under action of the gravity force appear in the purest form. It is also important for determining the ways of the charge accumulation in the first stage of the development of thunderclouds. The study of the transformation of the electric structure may also play an essential part in evaluating the effectiveness of the cloud control. And at last it is

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Electric structure of lower

S/531/62/000/136/002/007
A052/A101

necessary for working out better methods to prevent the electrostatic hazard for the aircraft. First of all it is essential to determine the electric macrocharacteristics of clouds, that is the distribution of free charges and electric field intensity and their values. In 1958 - 1959 during the International Geophysical Year and International Geophysical Cooperation systematic vertical sounding of the electric field intensity from an aircraft were carried out in USSR. Especially in the course of this investigation data relating to the electric structure of lower unrainy stratified clouds were obtained. The investigation has revealed a relative constancy of the field in the horizontal plane, so electrically the clouds can be considered as infinite charged layers in which all changes of fields and charges depend on the vertical coordinate. This fact makes the vertical sounding from an aircraft superior to other methods of vertical sounding. Altogether 54 stratified and 192 stratified-cumulus clouds were investigated which, from the viewpoint of electric structure, can be reduced to four principal types: 1) Positively polarized with an excess positive charge, 2) negatively polarized with an excess positive charge, 3) unipolar positively charged, 4) unipolar negatively charged. In a

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Electric structure of lower

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A052/A101

general form the field intensity in the middle part of a cloud can be described by the equation: $E = a + b(z - h) + c(z - h)^2$, where a , b and c are coefficients, z is the coordinate measured from the base of the cloud and h is the height in the cloud at which the maximum field intensity is recorded. With an increase of the thickness of clouds the average field intensity practically does not change, but its maximum value increases. The free charge density is almost independent of the thickness of clouds and in general has a tendency to decrease as the thickness decreases. The authors suggest a theoretical explanation of a number of peculiarities observed in the structure of stratified clouds. However, this theory cannot provide an explanation for such facts that in 10% cases a positive polarization appears at a negative field or that in 10% cases the field above the cloud is a positive one and under the cloud a negative one. Peculiar is also the fact that the potential difference between the upper and the lower boundary of a cloud is in a number of cases comparable with the potential at a height of 6,000 m in clear weather, sometimes exceeds it and in many cases has a comparable absolute value but an opposite sign. This may be explained by assuming that in certain cases

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Electric structure of lower

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A052/A101

stratified clouds begin to act not as a passive resistance but as generators producing considerable free charges which can many times exceed those present in the atmosphere during "fine" weather. The nature of these charges is entirely obscure at present and requires further study. There are 10 figures and 5 tables.

Card 4/4

IMYANITOV, I.M.; CHUBARINA, Ye.V.

Annual variation of the atmospheric electric potential at
6000 meters and the charge of an air column in a 0 to
6000 m. layer. Trudy GGO no.157:9-21 '64 (MIRA 17:8)

ACCESSION NR: AT4040336

8/2531/64/000/157/0022/0030

AUTHOR: Chubarina, Ye. V.

TITLE: Relationship between the electric field of the atmosphere and condensation nuclei

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy*, no. 157, 1964, Atmosfernoye elektrichestvo (Atmospheric electricity), 22-30

TOPIC TAGS: meteorology, atmospheric electricity, condensation nucleus, atmospheric electric field, precipitation

ABSTRACT: Comparisons have been made between the vertical distributions of the strength of the electric field in the atmosphere and condensation nuclei. It is noted that there is a great similarity in the curves of variation of the electric field and the change in the concentration of condensation nuclei with height. The correlation coefficient between the two curves is $\sim 90\%$. The coincidence in value of the theoretically computed (A) and experimentally derived ($A' = \frac{1}{2}$) proportionality factors between the electric field (E) and the concentration of condensation nuclei (Z)

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ACCESSION NR: AT4040536

$$(E = \left(\frac{1B}{eKq}\right)Z, E = AZ, A = \frac{1B}{eKq})$$

indicates that the change in the concentration of condensation nuclei effects a change in air conductivity and thus a change in the electric field. An attempt is made in this paper to estimate the mean dimensions of condensation nuclei. It is concluded that the state of the atmosphere, especially the presence of inversions and associated blocking layers, exerts an appreciable influence on the vertical distribution of condensation nuclei and the strength of the electric field. Fig. 1 of the Enclosure shows the type of experimental data used in drawing these conclusions. "Ye. S. Selezneva contributed the results of her observations on the condensation nuclei." Orig. art. has: 10 formulas, 6 figures and 2 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory)

SUBMITTED: 00

DATE ACQ: 02Jul64

ENCL: 02

SUB CODE: ES

NO REF SOV: 012

OTHER: 001

Card 2/4

ACCESSION NR: AT4040536

ENCLOSURE: 01

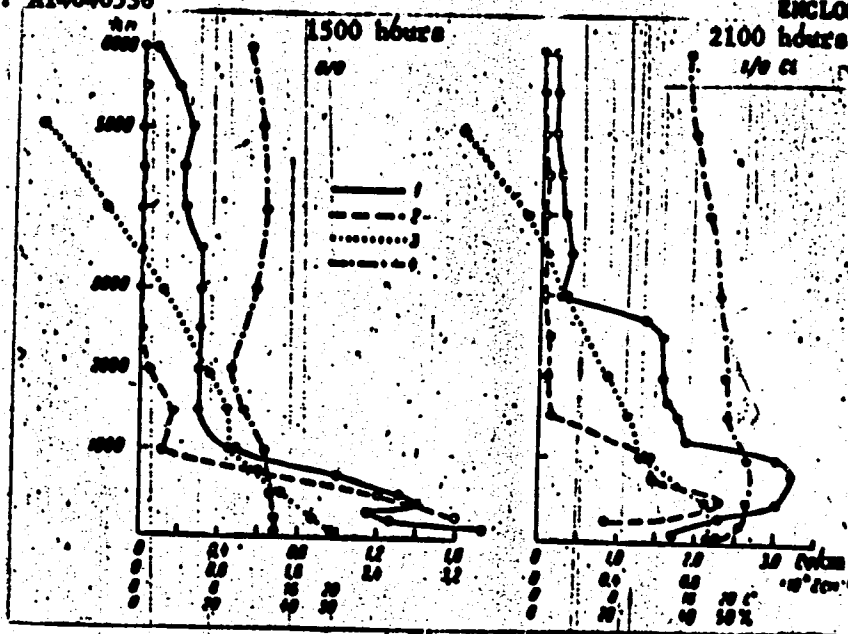


Fig. 1

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ACCESSION NR: AT4040536

ENCLOSURE: 02

Citation to Fig. 1.

Vertical change in strength of the electric field E (1), concentration of condensation nuclei Z (2), temperature in $^{\circ}C$ (3), and relative humidity in % (4). Measurement data for July 18, 1959.

Card 4/4

GASHINA, S.B.; IMYANITOV, I.M.; KAMALDINA, I.I.; SALIMAN, Ye.B.; GIGODINA,
Ye.V.

Relation of radar characteristics of clouds to their turbulent
and electric state. Trudy GGO no.173:58-62 '65.

(MIRA 18:3)

IMYANITOV, I.M.; CHUBARINA, Ye.V.

Electric structure of nimbostratus clouds. Trudy GGO no. 277:113-128
'65. (MIRA 18:8)

IMYANITOV, Il'ya Moiseyevich; CHUBARINA, Yevgeniya Vladimirovna;
KOTIKOVSKAYA, A.B., red.

[Electricity of the free atmosphere; results of measurements during the IGY and IGO] Elektrichestvo svobodnoi atmosfery; rezul'taty izmerenii vo vremia MGG i MGS. Leningrad, Gidrometeoizdat, 1965. 239 p. (MIRA 18:9)

CHUBAROV, A.D., inzh.; NOVIKOV, N.N., inzh.

Deformations of surface layers of titanium and heat-resistant
alloys caused by cutting. Vest. mash. 38 no.9:40-42 S '58.
(MIRA 11:10)
(Metal cutting) (Heat resistant alloys) (Titanium alloys)

KRIVOUKHOV, V.A.; YEGOROV, B.Ye.; BRUSHTEYN, B.Ye.; MARKOV, A.I.; CHER-
VYAKOV, A.G.; BESPACHOTNYY, P.D.; BELOUSOV, A.I.; CHUBAROV, A.D.;
KARATYGIN, A.M., kand. tekhn. nauk, retsenzent; IVANOVA, N.A.
red. izd-va; UVAROVA, A.F., tekhn. red.

[Machinability of heat-resistant and titanium alloys] Obraba-
tyvaemost' rezaniem zharoprochnykh i titanovykh splavov. Mo-
skva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961.
243 p. (MIRA 14:8)
(Metal cutting) (Heat-resistant alloys) (Titanium alloys)

CHUBAROV, A. D.

3

PHASE I BOOK EXPLOITATION SOV/5788

Krivoukhov, V. A., S. V. Yegorov, B. Ye. Brushteyn, A. I. Markov,
A. G. Chervyakov, P. D. Bospakhotnyy, A. I. Belousov, and A. D. Chubarov

Obrabatyvayemost' rezaniyem zharoprochnykh i titanovykh splavov (Machinability
of Heat-Resistant and Titanium Alloys) Moscow, Mashgiz, 1961. 243 p.
Errata slip inserted. 4500 copies printed.

Ed. (Title page): V. A. Krivoukhov; Reviewer: A. M. Karatygin, Candidate of
Technical Sciences; Ed. of Publishing House: N. A. Ivanova; Tech. Ed.:
A. F. Uvarova; Managing Ed. for Literature on Cold Working of Metals and
Machine-Tool Making: V. V. Rzhavinskiy, Engineer.

PURPOSE: This book is intended for technical personnel concerned with the
machining of metals. It may also be useful to students at schools of higher
education.

Card 1/5₂

Machinability of Heat-Resistant (Cont.)

SOV/5788

COVERAGE: Basic conditions for improving the machinability of heat-resistant and titanium alloys are examined. Results of investigations on the effect of various factors (e. g., tool geometry, single-point tool wear, cutting regimes, lubricating coolants, heat treatment) on the machinability of alloys are presented. Recommendations are given for the selection of rational cutting regimes, effective lubricating coolants, and preliminary heat treatment. No personalities are mentioned. There are 91 references: 61 Soviet, and 30 English.

TABLE OF CONTENTS [Abridged]:

Ch. I. General Concepts on Heat-Resistant and Titanium Alloys	3
Ch. II. Deformation of Metal in the Removed Layer	12
Ch. III. Soviet and Non-Soviet Practices in Machining Heat-Resistant and Titanium Alloys	35
Card 2/6	

SAVCHENKOV, A.F., kand.ekoncmicheskikh nauk, dotsent; KORNILOV, M.F., doktor sel'skokhozyaystvennykh nauk; CHUEAROV, A.P., kand.sel'skokhozyaystvennykh nauk; TSITOVICH, O.B., inzhener-tekhnolog, khimik

Need in nitrogen fertilizers and their varieties in the northwestern part of the U.S.S.R. Trudy LIEI no.36:13-22 '61. (MIRA 15:1)
(Fertilizers and manures) (Nitrogen)

CHUBAROV, B.

PA 6/49T42

USSR/Engineering
Automobile Industry
Efficiency, Industrial

Apr 48

"Five-Year Plan In Four Years," B. Chubarov, Vice-
Minister, Automobile Transport RSFSR, 2 pp

"Avtomobil" No 4

Describes achievements of automobile industry in
1946 and 1947 and states main tasks to enable Five-
Year Plan to be fulfilled in 4 years. Production is
stated only as percentage output of plan.

6/49T42

CHUBAROV, B.A., inzh.

Oil screw pumps. [Trudy] LMZ no.10:305-309 '64.

(MIRA 18:12)

CHUBAROV, G.

One resource for increasing the output of bricks. Stroi mat. izdel.
1 konstr. 1 no. 5:21-24 My '55. (MIRA 8:11)

(Brickmaking)

CHUBAROV, G.

Reducing the number of auxiliary workers is a source for increasing labor productivity. Stroi.mat., izd.1 konstr. 2 no.9:26-28 S '56.
(MLRA 9:11)

1. Nachal'nik normativno-issledovatel'skogo otdela instituta "Rosstromproyekt."
(Labor productivity)

CHUBAROV, G.

The adoption of uniform production standards in the brick
industry. Sots. trud no.12:52-55 D '56. (MLRA 10:2)

(Brick industry--Production standards)
(Wages)

CHUBAROV, Georgiy
CHUBAROV, Georgiy Stepanovich; CHERNYAK, Ya.N., nauchnyy redaktor; SHPAYER,
A.L., redaktor; PYATAKOVA, H.D., tekhn.red.

[Organisation of work in setting brick in ring kilns] Organizatsiia
truda pri sadke syrtse v kol'tsevye pechi. Moskva, Gos.izd-vo lit-ry
po stroit. materialam, 1957. 49 p. (MIRA 11:2)
(Kilns)

CHUBAROV, G.

Comparative efficiency of various methods of unloading and transporting bricks. Stroi.mat.3 no.9:35-37 S '57. (MIRA 10:10)

1. Nachal'nik normativno-issledovatel'skogo otdela instituta "Rosstromproyekt."
(Loading and unloading) (Bricks--Transportation)

CHUBAROV, G.

Potentialities for the increase of labor productivity in brick-making. Stroi.mat. 4 no.10:18-21 0 '58. (MIRA 11:11)

1. Nachal'nik normativno-issledovatel'skogo otdela Rosstrom-proyekta.

(Brickmaking)

CHUBAROV, G.

Limiting the number of maintenance personnel in plants. Sots. trud.
4 no.10:100-105 0 '59 (MIRA 13:3)
(Building materials industry--Maintenance and repair)

CHUBAROV, G.

Methodology for establishing norms for the number of workers in
industrial enterprises. Sot. trud 5 no.12:79-85 D '60.

(MIRA 14:6)

(Brick industry)

CHUBAROV, G.

Establishing norms for the number of engineer and technical workers
and employees. Sots.trud 7 no.7:90-96 J1 '62. (MIRA 15:8)
(Brick industry) (Technicians in industry)

CHUBAROV, Georgiy Stepanovich; KUKULEVICH, I.L., nauchn. red.;
SHITOVA, L.N., red.

[Setting technical norms in enterprises of the building
materials industry] Tekhnicheskoe normirovanie na pred-
priyatiiakh promyshlennosti stroitel'nykh materialov.
Moskva, Stroiizdat, 1964. 321 p. (MIRA 17:9)

CHUBAROV, Georgiy Stepanovich; KUZNETSOV, P.V., red.; PONOMAREVA, A.A.,
tekh.n.red.

[Planning work and wages in industrial enterprises] Planirovanie
truda i zarabotnoi platy na promyshlennykh predpriyatiyakh.
Moskva, Gosplanizdat, 1960. 156 p.

(Labor productivity) (Wage payment systems) (MIRA 14:4)

CHUBAROV, G.S.; DAVYDOV, I.V.; ZOLOTAREV, N.N.; GULYAYENKO, S.I.;
PILIPENKO, P.P.; KUDRYASHOVA, L.A.; ROGULINA, A.M.

[Recommended number of workers in plants producing clay bricks]
Tipovye shtaty rabochikh zavodov glinianogo kirpicha. Moskva,
1959. 221 p. (MIRA 15:2)

1. Gosudarstvennyy proyektnyy institut po proyektirovaniyu zavodov stroitel'nykh materialov. 2. Normativno-issledovatel'skiy otde! Gosudarstvennogo proyektного instituta po proyektirovaniyu zavodov stroitel'nykh materialov(for all).
(Brick industry)

CHUBAROV, G.S.

Potentials for increasing labor production and reducing the cost of sand-lime brick. Stroi. mat. 10 no.11:6-8 N '64.

(MIRA 18:1)

1. Nachal'nik normativno-issledovatel'skogo otdela Gosudarstvennogo vsesoyuznogo proyektnogo instituta stroitel'nykh materialov.

CHUBAROV, G.S.

Give brick plants an improved management structure. Stroi. mat.
11 no.5:23-24 My '65. (MIRA 18:9)

1. Nachal'nik normativno-issledovatel'skogo otdela Gosudarstven-
nogo vsesoyuznogo instituta po proyektirovaniyu predpriyatiy
promyshlennosti stroitel'nykh materialov.

CHUBAROV, K.K.

Conveyer line for assembling pipe fittings. Biul.tekh.tekon.inform.
Gos.nauch.-issl.inst.nauch.i tekhn.inform 17 no.11:40-42 N '64.
(MIRA 18:3)

SOV/137-58-9-20219

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 299 (USSR)

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TITLE: Technical Quality Control With Gamma Rays From Radioactive Cobalt Co⁶⁰ (Tekhnicheskiy kontrol' gamma-luchami radio-aktivnogo kopal'ta Co⁶⁰)

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ABSTRACT: Described are γ -ray emitters, apparatus for flaw detection with γ -rays, methods for plotting gamma-diagrams, and the sensitivity of the method of flaw detection with γ -rays. The method is developed for the utilization of the GUP-Co-0.5-1 installation for γ -ray examination of steel 10-170 mm thick. For small thicknesses of steel (~ 10 mm) it is considered feasible to use Co⁶⁰ provided that the focal distance is increased to 40-50 cm and that Pb electrons. [electrodes? Transl. Note] are used. 1. Steel--Inspection 2. Gamma rays--Applications 3. Gamma ray analysis--Equipment 4. Cobalt isotopes T.R. (Radioactive)--Performance

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